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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Inventors: Castagnozzi et al.

Serial No.: 10/652,333

Filed: August 29, 2003

Title: MODIFIED GAIN NON-  
CAUSAL CHANNEL EQUAL-  
IZATION USING FEED-  
FORWARD AND FEEDBACK  
COMPENSATION

)  
) ATTORNEY FILE NO.:  
) applied\_157  
)  
) Examiner: Torres, Juan A.  
)  
) Customer No.: 29,397  
)  
) Group Art: 2611  
)  
) Confirmation No.: 1621  
)  
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Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATION UNDER 37 CFR § 1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on, or before this date 2/6/07, in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date 2/5/2007

Signature

**RESPONSE UNDER 37 CFR 1.111**

In response to an Office Action mailed January 17, 2007,  
please reconsider the above-referenced application as follows.

Amendments to the claim begin at page 2 of this paper.

Remarks begin at page 10 of this paper.

6 sheets of Replacement drawings are enclosed.